

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1. (previously presented) An information processing system comprising:
 - a storage unit storing information; and
 - a control unit comprising:
 - a locating information identifying unit searching information specifying a data store destination storing locating information for locating where data exists and, in response to the searching, identifying locating information in the data store destination;
 - a searching unit searching said identified locating information in said data store destination;
 - an extracting unit extracting a file identifier indicating one of a plurality of categories of data in a data file containing the data located by said locating information;
 - a judging unit judging whether the data located by the locating information comes under a predetermined category based on said file identifier indicating one of a plurality of categories of data in said data file containing the data;
 - a storage unit storing the locating information to collect pieces of locating information for locating where the data exist when the data is judged to come under the predetermined category;
 - a sequence determining unit determining a sequence of reproducing a content data searched based on predetermined parameters set by a user and a reproduction time of the content data; and
 - a reproduction control unit controlling a reproduction of the content data in accordance with the reproducing sequence.
2. (original) An information processing system according to claim 1, further comprising a communication unit for accessing a network, or a communication connection module through which said communication unit is connected,
 - wherein said control unit searches the locating information retained in other information processing system on the network.

3. (original) An information processing system according to claim 2, wherein said communication unit receives a selection criterion for selecting the data and

said control unit judges whether or not the data is coincident with the selection criterion and collects pieces of locating information tracing to the data coincident with the selection criterion.

4. (original) An information processing system according to claim 1, further comprising an input unit,

wherein said input unit receives an input of the selection criterion for selecting the data, and

said control unit judges whether or not the data is coincident with the selection criterion and collects pieces of locating information tracing to the data coincident with the selection criterion.

5. (original) An information processing system according to claim 2, wherein said communication unit receives a request for collecting the locating information from a terminal device connected to the network, and

said control unit gets the collected locating information displayed on said terminal device.

6. (original) An information processing system according to claim 1, further comprising a display unit for displaying the information, or a first connection module through which said display unit is connected,

wherein said control unit gets the collected locating information displayed on said display unit.

7. (original) An information processing system according to claim 5, wherein said control unit searches character information related to the data, and gets the character information displayed in a way of being combined with the locating information.

8. (original) An information processing system according to claim 1, wherein categories of the data are still image data, sound data, animated image data, text data, or combinations thereof.

9. (original) An information processing system according to claim 1, further comprising:

an input unit;

a display unit displaying information, or a first connection module through which said display unit is connected; and

a sound output unit outputting sounds, or a second connection module through which said sound output unit is connected,

wherein said control unit, when commanded to output the data via said input unit, gets the content described by the data outputted to said display unit or said sound output unit.

10. (original) An information processing system according to claim 9, wherein said control unit gets a plurality of contents consecutively outputted, which are located by plural pieces of locating information collected.

11-14. (cancelled).

15. (previously presented) A computer system comprising:

a communication unit accessing a network; and

a computer processor programmed by programming modules to control the system, the programming modules comprising:

a communication connection module through which said communication unit connects the system to the network;

a locating information identifying unit searching information specifying a data store destination storing locating information for locating where data exists and, in response to the searching, identifying locating information in the data store destination;

a searching unit searching said identified locating information in said data store destination;

an extracting unit extracting a file identifier indicating one of a plurality of categories of data in a data file containing the data located by said locating information;

a judging unit judging whether the data located by the locating information comes under a predetermined category based on said file identifier indicating one of a plurality of categories of data in said data file containing the data;

a storage unit storing a list of the data judged to come under a predetermined category as a condition of the data;

a sequence determining unit determining a sequence of reproducing a content data searched based on predetermined parameters set by a user and a reproduction time of the content data;

a reproduction control unit controlling a reproduction of the content data in accordance with the reproducing sequence; and

an output device outputting the reproduced content data to a user.

16. (original) A system according to claim 15, wherein the content data are retained in other system accessible via a network.

17. (original) A system according to claim 15, wherein the predetermined condition is specified by a user.

18. (original) A system according to claim 15, wherein the predetermined condition is to specify a specific genre of the content.

19. (original) A system according to claim 15, wherein the predetermined condition is to specify a specific data category.

20. (original) A system according to claim 15, wherein the content data are stream data.

21. (previously presented) A method of collecting locating information for indicating a location of data, comprising:

searching information specifying a data store destination storing locating information to locate where data exists;

in response to the searching, identifying locating information in the data store destination;

searching the identified locating information in the data store destination for locating where data exists;

extracting a file identifier indicating one of a plurality of categories of data in a data file containing the data located by said locating information;

judging whether the data located by the locating information comes under a predetermined category based on the file identifier indicating one of a plurality of categories of data in the data file including the data;

storing, when judging that the data comes under the predetermined category, the locating information;

determining a sequence of reproducing the data located by the stored locating information based on predetermined parameters set by a user and a reproduction time of the content data; and

controlling reproduction of the data in accordance with the determined reproducing sequence.

22. (original) A method according to claim 21, further comprising accessing a network, wherein the data are stored in an information processing system on the network.

23. (original) A method according to claim 22, further comprising:
receiving a selection criterion for selecting the data; and
judging whether or not the data is coincident with the selection criterion,
wherein pieces of locating information tracing to the data coincident with the selection criterion are collected.

24. (original) A method according to claim 21, further comprising:
receiving specification of a selection criterion for selecting the data; and
judging whether or not the data is coincident with the selection criterion,
wherein pieces of locating information tracing to the data coincident with the selection criterion are collected.

25. (original) A method according to claim 21, further comprising generating display information for getting the collected locating information displayed.

26. (original) A method according to claim 21, further comprising displaying the collected locating information.

27. (original) A method according to claim 25, further comprising searching character information related to the data,
wherein the character information is displayed in a way of being combined with the locating information.

28. (original) A method according to claim 21, wherein categories of the data are still image data, sound data, animated image data, text data, or combinations thereof.

29. (original) A method according to claim 21, further comprising:
selecting the data indicated by the locating information;
giving a command to output the data; and
outputting the content described by the data.

30-32. (cancelled).

33. (original) A method according to claim 21, further comprising:
searching the data indicated by the locating information;
outputting the content described by the data; and
repeating the searching and the outputting with respect to plural pieces of locating information collected.

34. (previously presented) A content data searching method on a network comprising:

- searching information specifying a data store destination storing locating information to locate where data exists;
- in response to the searching, identifying locating information in the data store destination;
- searching, in the identified locating information of the data store destination, content data coincident with a predetermined condition based on a file identifier indicating one of a plurality of categories of data in a data file containing the content data on the network;
- storing a list of the data searched based on the file identifier in the data file;
- determining a sequence of reproducing the content data searched based on predetermined parameters set by a user and a reproduction time of the content data; and
- controlling reproduction of the content data in accordance with the reproducing sequence.

35. (currently amended) A computer readable storage medium readable by a machine, tangibly embodying a program of instructions executable by the machine computer to perform functions comprising:

searching information specifying a data store destination storing locating information to locate where data exists;

in response to the searching, identifying locating information in the data store destination; searching the identified locating information in the data store destination for locating where data exists;

extracting a file identifier indicating one of a plurality of categories of data in a data file containing the data located by said locating information;

judging whether the data comes under a predetermined category based on the file identifier indicating one of a plurality of categories of data in the data file including the data;

storing, when judging that the data comes under the predetermined category, the locating information to collect the locating information for indicating the locations of the data;

determining a sequence of reproducing the data located by the stored locating information based on predetermined parameters set by a user and a reproduction time of the content data; and

controlling reproduction of the data in accordance with the determined reproducing sequence.

36. (currently amended) A computer readable storage medium ~~readable by a machine~~-tangibly embodying a program according to claim 35, of instructions executable by ~~the machine~~ a computer, further comprising accessing a network, wherein the data are stored in an information processing system on the network.

37. (currently amended) A computer readable storage medium ~~readable by a machine~~-tangibly embodying a program according to claim 36, of instructions executable by ~~the machine~~ a computer, further comprising:
receiving a selection criterion for selecting the data; and
judging whether or not the data is coincident with the selection criterion,
wherein pieces of locating information tracing to the data coincident with the selection criterion are collected.

38. (currently amended) A computer readable storage medium ~~readable by a machine~~-tangibly embodying a program according to claim 35, of instructions executable by ~~the machine~~ a computer, further comprising:
accepting an input of selection criterion for selecting the data; and

judging whether or not the data is coincident with the selection criterion,
wherein pieces of locating information tracing to the data coincident with the selection
criterion are collected.

39. (currently amended) A computer readable storage medium ~~readable by a machine~~ tangibly embodying a program according to claim 35, of instructions executable by ~~the machine~~ a computer, further comprising generating display information for getting the collected locating information displayed.

40. (currently amended) A computer readable storage medium ~~readable by a machine~~ tangibly embodying a program according to claim 35, of instructions executable by ~~the machine~~ a computer, further comprising displaying the collected locating information.

41. (currently amended) A computer readable storage medium ~~readable by a machine~~ tangibly embodying a program according to claim 39, of instructions executable by ~~the machine~~ a computer, further comprising searching character information related to the data,
wherein the character information is displayed in a way of being combined with the locating information.

42. (currently amended) A computer readable storage medium ~~readable by a machine~~ tangibly embodying a program according to claim 35, wherein categories of the data are still image data, sound data, animated image data, text data, or combinations thereof.

43. (currently amended) A computer readable storage medium ~~readable by a machine~~ tangibly embodying a program according to claim 35, of instructions executable by ~~the machine~~ a computer, further comprising:

- accepting a selection of the data indicated by the locating information;
- accepting a command to output the data; and
- outputting the content described by the data.

44-46. (cancelled).

47. (currently amended) A computer readable storage medium ~~readable by a machine~~ tangibly embodying a program according to claim 35, of instructions executable by the ~~machine~~ a computer, further comprising:

- searching the data indicated by the locating information;
- outputting the content described by the data; and
- repeating steps of searching and outputting with respect to plural pieces of locating information collected.

48. (currently amended) A computer readable storage medium ~~readable by a machine~~, tangibly embodying a program of instructions executable by ~~the machine~~ a computer to perform functions comprising:

- searching information specifying a data store destination storing locating information to locate where data exists;
 - in response to the searching, identifying locating information in the data store destination;
 - searching, in the identified locating information of the data store destination, content data coincident with a predetermined condition based on a file identifier indicating one of a plurality of categories of data in a data file containing the content data;
 - determining a sequence of reproducing the content data searched based upon the file identifier indicating one of a plurality of categories of data in the data file and predetermined parameters set by a user and a reproduction time of the content data; and
 - controlling a reproduction of the content data in accordance with the reproducing sequence.

49-50. (cancelled)

51. (previously presented) An information processing system comprising:

- a storage unit storing information; and
- a control unit comprising:
 - a locating information identifying unit searching information specifying a data store destination storing locating information for locating where data exists and, in response to the searching, identifying locating information in the data store destination;
 - a searching unit searching said identified locating information in said data store destination;

an extracting unit extracting a file identifier indicating one of a plurality of categories of data and included in a file name of a data file including the data from said locating information; and

a judging unit judging whether the data located by the locating information comes under a predetermined category based on said file identifier of said file name indicating one of a plurality of categories of data,

a storage unit storing the locating information to collect pieces of locating information for locating where the data exist when the data is judged to come under the predetermined category;

a sequence determining unit determining a sequence of reproducing a content data searched based on predetermined parameters set by a user and a reproduction time of the content data; and

a reproduction control unit controlling a reproduction of the content data in accordance with the reproducing sequence.

52. (previously presented) A computer system comprising:

a communication unit accessing a network, and

a computer processor programmed by program modules to control the computer system, the program module comprising:

a communication connection module through which said communication unit connects the system to the network;

a locating information identifying unit searching information specifying a data store destination storing locating information for locating where data exists and, in response to the searching, identifying locating information in the data store destination;

a searching unit searching said identified locating information in said data store destination;

an extracting unit extracting a file identifier included in a file name of a data file including the data from said locating information, the file identifier indicating one of a plurality of categories of data; and

a judging unit judging whether the data located by the locating information comes under a predetermined category based on said file identifier of said file name indicating one of a plurality of categories of data;

a storage unit storing a list of the data judged to come under a predetermined category;

a sequence determining unit determining a sequence of reproducing a content data searched based on predetermined parameters set by a user and a reproduction time of the content data;

a reproduction control unit controlling reproduction of the content data in accordance with the reproducing sequence; and

an output device outputting the reproduced content data to a user.

53. (previously presented) A method of collecting locating information for indicating a location of data, comprising:

searching information specifying a data store destination storing locating information to locate where data exists;

in response to the searching, identifying locating information in the data store destination;

searching the identified locating information in the data store destination for locating where data exists;

extracting a file identifier included in a file name of a data file including the data from said locating information, the file identifier indicating one of a plurality of categories of data;

judging whether the data comes under a predetermined category based on the file identifier included in the file name of the data file containing the data and indicating one of a plurality of categories of data;

storing, when judging that the data comes under the predetermined category, the locating information;

determining a sequence of reproducing the data located by the stored locating information based on predetermined parameters set by a user and a reproduction time of the content data; and

controlling reproduction of the data in accordance with the determined reproducing sequence.

54. (previously presented) A content data searching method on a network comprising:

searching information specifying a data store destination storing locating information to locate where data exists;

in response to the searching, identifying locating information in the data store destination;

searching, in the identified locating information of the data store destination, a content data coincident with a predetermined condition based on a file identifier included in a file name

of a data file containing the content data on the network, the file identifier indicating one of a plurality of categories of data;

storing a list of the data searched based upon the file identifier included in the file name of the data file and indicating one of a plurality of categories of data;

determining a sequence of reproducing the content data searched based on predetermined parameters set by a user and a reproduction time of the content data; and

controlling a reproduction of the content data in accordance with the reproducing sequence.

55. (currently amended) A computer readable storage medium-readable-by-a machine, tangibly embodying a program of instructions executable by a computer~~the machine~~ to perform functions comprising:

searching information specifying a data store destination storing locating information to locate where data exists;

in response to the searching, identifying locating information in the data store destination;

searching the identified locating information of the data store destination for locating where data exists;

extracting a file identifier included in a file name of a data file including the data from said locating information, the file identifier indicating one of a plurality of categories of data;

judging whether the data comes under a predetermined category based on the file identifier included in the file name of the data file containing the data and indicating one of a plurality of categories of data;

storing, when judging that the data comes under the predetermined category, the locating information to collect the locating information for indicating locations of the data;

determining a sequence of reproducing the data located by the stored locating information based on predetermined parameters set by a user and a reproduction time of the content data; and

controlling reproduction of the data in accordance with the determined reproducing sequence.

56. (currently amended) A computer readable storage medium-readable-by-a machine, tangibly embodying a program of instructions executable by a computer~~the machine~~ to perform functions comprising:

searching information specifying a data store destination storing locating information to locate where data exists;

in response to the searching, identifying locating information in the data store destination;

searching, in the identified locating information of the data store destination, content data coincident with a predetermined condition based on a file identifier included in a file name of a data file containing the content data, the file identifier indicating one of a plurality of categories of data;

determining a sequence of reproducing the content data searched based on predetermined parameters set by a user and a reproduction time of the content data; and

controlling a reproduction of the content data in accordance with the reproducing sequence.

57. (previously presented) A method of operating a data processing system, comprising:

receiving from a user, a request for an electronic program guide, the request including filtering information;

in response to receiving the request, searching a content provider site to identify a location associated with a content file;

searching the identified location to determine that a characteristic of the content file corresponds with the filtering information;

determining a sequence of reproducing the content file searched based on predetermined parameters set by a user and a reproduction time of the content data;

controlling reproduction of the content file in accordance with the reproducing sequence; and

generating an electronic program guide that includes the location.

58. (previously presented) The method of claim 57, further comprising selecting a content provider site to search according to the filtering information.

59. (previously presented) The method of claim 57, wherein the characteristic is a file name extension.

60. (previously presented) A method of collecting locating information for indicating a location of data, comprising:

extracting a file identifier indicating one of a plurality of categories of data in a data file containing the data located by searching identified locating information in a data store destination, the identified locating information identified in response to searching information specifying the data store destination storing locating information for locating where data exists;

storing the locating information in a sequence, the locating information correlating to predetermined file identifier indicating one of a plurality of categories of file identifiers in the extracting, the sequence based on predetermined parameters set by a user and a reproduction time of the content data; and

reproducing the data in accordance with the determined reproducing sequence.